

SEQUENCE LISTING

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<120> A Novel Ligand For FPRL1 And Its Use

<130> 3118 US0P

<140> US/10/534,082
<141> 2005-05-05

<150> PCT/JP2003/014138
<151> 2003-11-06

<150> JP 2002-324189
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<150> JP 2002-367119
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<150> JP 2003-59073
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<150> JP 2003-191359
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<150> PCT/JP03/14138
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Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
35 40 45

Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Thr Ile Cys Tyr
50 55 60

Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe
65 70 75 80

Leu Ile Val Ser Met Ala Met Gly Glu Lys Trp Pro Phe Gly Trp Phe
85 90 95

Leu Cys Lys Leu Ile His Ile Val Val Asp Ile Asn Leu Phe Gly Ser
100 105 110

Val Phe Leu Ile Gly Phe Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
115 120 125

His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Met Lys
130 135 140

Val Ile Val Gly Pro Trp Ile Leu Ala Leu Val Leu Thr Leu Pro Val
145 150 155 160

Phe Leu Phe Leu Thr Thr Val Thr Ile Pro Asn Gly Asp Thr Tyr Cys
165 170 175

Thr Phe Asn Phe Ala Ser Trp Gly Gly Thr Pro Glu Glu Arg Leu Lys
180 185 190

Val Ala Ile Thr Met Leu Thr Ala Arg Gly Ile Ile Arg Phe Val Ile
195 200 205

Gly Phe Ser Leu Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile
210 215 220

Ala Ala Lys Ile His Lys Lys Gly Met Ile Lys Ser Ser Arg Pro Leu
225 230 235 240

Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
245 250 255

Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Leu Lys Glu Met Leu
260 265 270

Phe Tyr Gly Lys Tyr Lys Ile Ile Asp Ile Leu Val Asn Pro Thr Ser
275 280 285

Ser Leu Ala Phe Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe
290 295 300

Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser
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Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala
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Tyr Glu Ser Ala Gly Tyr Thr Val Leu Arg Ile Leu Pro Leu Val Val
20 25 30

ctt ggg gtc acc ttt gtc ctc ggg gtc ctg ggc aat ggg ctt gtg atc 144
Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
35 40 45

tgg gtg gct gga ttc cgg atg aca cgc aca gtc acc acc atc tgt tac 192
Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Thr Ile Cys Tyr
50 55 60

ctg aac ctg gcc ctg gct gac ttt tct ttc acg gcc aca tta cca ttc 240

Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe			
65	70	75	80
ctc att gtc tcc atg gcc atg gga gaa aaa tgg cct ttt ggc tgg ttc			288
Leu Ile Val Ser Met Ala Met Gly Glu Lys Trp Pro Phe Gly Trp Phe			
85	90	95	
ctg tgt aag tta att cac atc gtg gtg gac atc aac ctc ttt gga agt			336
Leu Cys Lys Leu Ile His Ile Val Val Asp Ile Asn Leu Phe Gly Ser			
100	105	110	
gtc ttc ttg att ggt ttc att gca ctg gac cgc tgc att tgt gtc ctg			384
Val Phe Leu Ile Gly Phe Ile Ala Leu Asp Arg Cys Ile Cys Val Leu			
115	120	125	
cat cca gtc tgg gcc cag aac cac cgc act gtg agt ctg gcc atg aag			432
His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Met Lys			
130	135	140	
gtg atc gtc gga cct tgg att ctt gct cta gtc ctt acc ttg cca gtt			480
Val Ile Val Gly Pro Trp Ile Leu Ala Leu Val Leu Thr Leu Pro Val			
145	150	155	160
ttc ctc ttt ttg act aca gta act att cca aat ggg gac aca tac tgt			528
Phe Leu Phe Leu Thr Thr Val Thr Ile Pro Asn Gly Asp Thr Tyr Cys			
165	170	175	
act ttc aac ttt gca tcc tgg ggt ggc acc cct gag gag agg ctg aag			576
Thr Phe Asn Phe Ala Ser Trp Gly Gly Thr Pro Glu Glu Arg Leu Lys			
180	185	190	
gtg gcc att acc atg ctg aca gcc aga ggg att atc cgg ttt gtc att			624
Val Ala Ile Thr Met Leu Thr Ala Arg Gly Ile Ile Arg Phe Val Ile			
195	200	205	
ggc ttt agc ttg ccg atg tcc att gtt gcc atc tgc tat ggg ctc att			672
Gly Phe Ser Leu Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile			
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gca gcc aag atc cac aaa aag ggc atg att aaa tcc agc cgt ccc tta			720
Ala Ala Lys Ile His Lys Lys Gly Met Ile Lys Ser Ser Arg Pro Leu			
225	230	235	240
cgg gtc ctc act gct gtg gct tct ttc atc tgt tgg ttt ccc			768
Arg Val Leu Thr Ala Val Ala Ser Phe Phe Ile Cys Trp Phe Pro			
245	250	255	
ttt caa ctg gtt gcc ctt ctg ggc acc gtc tgg ctc aaa gag atg ttg			816
Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Leu Lys Glu Met Leu			
260	265	270	
ttc tat ggc aag tac aaa atc att gac atc ctg gtt aac cca acg agc			864
Phe Tyr Gly Lys Tyr Lys Ile Ile Asp Ile Leu Val Asn Pro Thr Ser			
275	280	285	
tcc ctg gcc ttc ttc aac agc tgc ctc aac ccc atg ctt tac gtc ttt			912
Ser Leu Ala Phe Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe			

290

295

300

gtg ggc caa gac ttc cga gag aga ctg atc cac tcc ctg ccc acc agt 960
 Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser
 305 310 315 320

ctg gag agg gcc ctg tct gag gac tca gcc cca act aat gac acg gct 1008
 Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala
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gcc aat tct gct tca cct cct gca gag act gag tta cag gca atg 1053
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 35 40 45
 Trp Val Ala Gly Phe Arg Met Val His Thr Val Thr Thr Cys Phe
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 Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Val Thr Leu Pro Phe
 65 70 75 80
 Phe Val Ile Ser Ile Ala Met Lys Glu Lys Trp Pro Phe Gly Trp Phe
 85 90 95
 Leu Cys Lys Leu Val His Ile Val Val Asp Ile Asn Leu Phe Gly Ser
 100 105 110
 Val Phe Leu Ile Ala Leu Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
 115 120 125
 His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Arg Lys
 130 135 140
 Val Val Val Gly Pro Trp Ile Leu Ala Leu Ile Leu Thr Leu Pro Ile
 145 150 155 160
 Phe Ile Phe Met Thr Thr Val Arg Ile Pro Gly Gly Asn Val Tyr Cys
 165 170 175
 Thr Phe Asn Phe Ala Ser Trp Gly Asn Thr Ala Glu Glu Leu Leu Asn
 180 185 190
 Ile Ala Asn Thr Phe Val Thr Val Arg Gly Ser Ile Arg Phe Ile Ile
 195 200 205
 Gly Phe Ile Met Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile
 210 215 220
 Ala Val Lys Ile His Arg Arg Ala Leu Val Asn Ser Ser Arg Pro Leu
 225 230 235 240
 Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
 245 250 255
 Phe Gln Leu Val Ala Leu Leu Gly Thr Ile Trp Phe Lys Glu Ser Leu
 260 265 270
 Phe Ser Gly Arg Tyr Lys Ile Leu Asp Met Trp Val His Pro Thr Ser
 275 280 285
 Ser Leu Ala Tyr Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Ala Phe

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Leu	Glu	Arg	Ala	Leu	Ser	Glu	Asp	Ser	Gly	Gln	Thr	Ser	Asp	Thr	Gly
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Val	Ser	Ile	Thr	Phe	Phe	Leu	Gly	Val	Leu	Gly	Asn	Gly	Leu	Val	Ile
						35			40			45			
Trp	Val	Ala	Gly	Phe	Arg	Met	Pro	His	Thr	Val	Thr	Thr	Ile	Trp	Tyr
						50			55			60			
Leu	Asn	Leu	Ala	Leu	Ala	Asp	Phe	Ser	Phe	Thr	Ala	Thr	Leu	Pro	Phe
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Leu	Cys	Lys	Leu	Val	His	Ile	Val	Val	Asp	Val	Asn	Leu	Phe	Gly	Ser
						100			105			110			
Val	Phe	Leu	Ile	Ala	Leu	Ile	Ala	Leu	Asp	Arg	Cys	Ile	Cys	Val	Leu
						115			120			125			
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 Gly Phe Ser Met Pro Met Ser Ile Val Ala Val Cys Tyr Gly Leu Ile
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 Ala Val Lys Ile Asn Arg Arg Asn Leu Val Asn Ser Ser Arg Pro Leu
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 Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
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 Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Phe Lys Glu Thr Leu
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 Leu Ser Gly Ser Tyr Lys Ile Leu Asp Met Phe Val Asn Pro Thr Ser
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 Ser Leu Ala Tyr Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe
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 Met Gly Gln Asp Phe Arg Glu Arg Phe Ile His Ser Leu Pro Tyr Ser
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